

Publication List

Alex Drlica-Wagner

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I have highlighted the Fermi-LAT Collaboration publications in which I was heavily involved (led analysis components and/or writing). Please refer to the Fermi-LAT Collaboration publication policy for more details: <http://www-glast.stanford.edu/policy-letter.pdf>

Conference Proceedings

Alex Drlica-Wagner, *Constraints on Dark Matter and Supersymmetry from LAT Observations of Dwarf Galaxies*, in *47th Rencontres de Moriond*, March, 2012.

Alex Drlica-Wagner, *Searches for Galactic Dark Matter Substructure with the Fermi LAT*, in *10th UCLA Dark Matter Conference*, February, 2012.

Alex Drlica-Wagner, P. Wang, L. Strigari, and E. Bloom, *Search for Unknown Dark Matter Satellites of the Milky Way*, in *3rd Fermi Symposium*, May, 2011.

Alex Drlica-Wagner and E. Charles, *Using TMine for the Fermi-LAT Event Analysis*, in *3rd Fermi Symposium*, May, 2011.

Primary Contributor Fermi-LAT Collaboration

Fermi-LAT Collaboration, *Dark Matter Constraints from Observations of 25 Milky Way Satellite Galaxies with the Fermi Large Area Telescope*, arXiv:1310.0828. **CORRESPONDING AUTHOR**.

Fermi-LAT Collaboration, *Search for Dark Matter Satellites using the FERMI-LAT*, ApJ **747** (2012) 121, [arXiv:1201.2691]. **CORRESPONDING AUTHOR**.

R. Cotta, **Drlica-Wagner**, A., S. Murgia, E. Bloom, J. Hewett, et. al., *Constraints on the pMSSM from LAT observations of dwarf spheroidal galaxies*, JCAP **1204** (2012) 016, [arXiv:1111.2604].
CORRESPONDING AUTHOR; CATEGORY II PAPER.

Fermi-LAT Collaboration, *Constraining Dark Matter Models from a Combined Analysis of Milky Way Satellites with the Fermi Large Area Telescope*, Phys. Rev. Lett. **107** (2011) 241302, [arXiv:1108.3546].
HEAVILY INVOLVED.

J. Lande, M. Ackermann, et. al., *Search for Spatially Extended Fermi-LAT Sources Using Two Years of Data*, ApJ **756** (2012) 5, [arXiv:1207.0027]. **CATEGORY II PAPER**.

Co-Author Fermi-LAT Collaboration

Fermi-LAT Collaboration, *Constraints on the Galactic Halo Dark Matter from Fermi-LAT Diffuse Measurements*, Astrophys.J. **761** (2012) 91, [arXiv:1205.6474].

Fermi-LAT Collaboration, *The imprint of the extragalactic background light in the gamma-ray spectra of blazars*, Science **338** (2012) 1190–1192, [arXiv:1211.1671].

Fermi-LAT Collaboration, *Binary millisecond pulsar discovery via gamma-ray pulsations*, Science **338** (2012) 1314–1317, [arXiv:1211.1385].

- Fermi-LAT Collaboration**, *Fermi-LAT Observations of the Diffuse Gamma-Ray Emission: Implications for Cosmic Rays and the Interstellar Medium*, ApJ **750** (2012) 3, [[arXiv:1202.4039](#)].
- Fermi-LAT Collaboration, Fermi-GBM Collaboration**, *Constraining the High-Energy Emission from Gamma-ray Bursts with Fermi*, ApJ **754** (2012) 121, [[arXiv:1201.3948](#)].
- Fermi-LAT Collaboration**, *Multi-wavelength observations of blazar AO 0235+164 in the 2008-2009 flaring state*, ApJ **751** (2012) 159, [[arXiv:1207.2932](#)].
- Fermi-LAT collaboration**, *Fermi LAT study of cosmic-rays and the interstellar medium in nearby molecular clouds*, ApJ **755** (2012) 22, [[arXiv:1207.6275](#)].
- Fermi-LAT Collaboration**, *Gamma-ray observations of the Orion Molecular Clouds with the Fermi Large Area Telescope*, ApJ **756** (2012) 4, [[arXiv:1207.0616](#)].
- Fermi LAT Collaboration**, *GeV Observations of Star-forming Galaxies with Fermi LAT*, ApJ **755** (2012) 164, [[arXiv:1206.1346](#)].
- Fermi-LAT Collaboration**, *Fermi LAT Search for Dark Matter in Gamma-ray Lines and the Inclusive Photon Spectrum*, Phys. Rev. **D86** (2012) 022002, [[arXiv:1205.2739](#)].
- Fermi-LAT Collaboration**, *Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT*, Phys. Rev. **D85** (2012) 083007, [[arXiv:1202.2856](#)].
- Fermi-LAT Collaboration**, *Limits on Large Extra Dimensions Based on Observations of Neutron Stars with the Fermi-LAT*, JCAP **1202** (2012) 012, [[arXiv:1201.2460](#)].
- Fermi-LAT Collaboration**, *Periodic Emission from the Gamma-ray Binary 1FGL J1018.6-5856*, Science **335** (2012) 189–193, [[arXiv:1202.3164](#)].
- Fermi-LAT Collaboration**, *Fermi Detection of γ -ray emission from the M2 Soft X-ray Flare on 2010 June 12*, ApJ **745** (2011) [[arXiv:1111.7026](#)].
- Fermi-LAT Collaboration, Fermi Pulsar Timing Consortium**, *Discovery of High-Energy Gamma-Ray Emission from the Binary System PSR B1259-63/SS 2883 Around Periastron with Fermi*, ApJ **736** (2011) L11, [[arXiv:1103.4108](#)].
- Fermi-LAT Collaboration**, *Fermi Large Area Telescope Second Source Catalog*, ApJS **199** (2012) 31, [[arXiv:1108.1435](#)].
- Fermi-LAT Collaboration**, *Fermi Large Area Telescope Observations of the Supernova Remnant G8.7-0.1*, ApJ **744** (2012) 80, [[arXiv:1109.3017](#)].
- Fermi-LAT Collaboration**, *Measurement of separate cosmic-ray electron and positron spectra with the Fermi Large Area Telescope*, Phys. Rev. Lett. **108** (2012) 011103, [[arXiv:1109.0521](#)].
- Fermi-LAT Collaboration**, *In-flight measurement of the absolute energy scale of the Fermi Large Area Telescope*, Astropart. Phys. **35** (2012) 346–353, [[arXiv:1108.0201](#)].
- Fermi-LAT Collaboration**, *Observations of the young supernova remnant RX J1713.7-3946 with the Fermi Large Area Telescope*, ApJ **734** (2011) 28, [[arXiv:1103.5727](#)].
- MOJAVE Collaboration, Fermi-LAT Collaboration**, *Gamma-Ray and Parsec-Scale Jet Properties of a Complete Sample of Blazars From the MOJAVE Program*, ApJ **742** (2011) 27, [[arXiv:1107.4977](#)].
- Fermi-LAT Collaboration**, *A Statistical Approach to Recognizing Source Classes for Unassociated Sources in the First Fermi-LAT Catalog*, ApJ **753** (2012) 83, [[arXiv:1108.1202](#)].
- Fermi-LAT Collaboration**, *Search for Gamma-ray Emission from X-ray Selected Seyfert Galaxies with Fermi-LAT*, ApJ **747** (2012) 104, [[arXiv:1109.4678](#)].
- Fermi-LAT Collaboration**, *Gamma-ray flares from the Crab Nebula*, Science **331** (2011) 739, [[arXiv:1011.3855](#)].

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Fermi-LAT Collaboration, *Fermi Large Area Telescope observations of Local Group galaxies: Detection of M31 and search for M33*, A&A **523** (2010) L2, [[arXiv:1012.1952](#)].

Fermi-LAT Collaboration, *The Spectrum of the Isotropic Diffuse Gamma-Ray Emission Derived From First-Year Fermi Large Area Telescope Data*, Phys. Rev. Lett. **104** (2010) 101101, [[arXiv:1002.3603](#)].

Fermi-LAT Collaboration, *Constraints on Dark Matter Annihilation in Clusters of Galaxies with the Fermi Large Area Telescope*, JCAP **1005** (2010) 025, [[arXiv:1002.2239](#)].

Fermi-LAT Collaboration, *Observation of Supernova Remnant IC443 with the Fermi Large Area Telescope*, ApJ **712** (2010) 459–468, [[arXiv:1002.2198](#)].

Fermi-LAT Collaboration, *Fermi LAT Search for Photon Lines from 30 to 200 GeV and Dark Matter Implications*, Phys. Rev. Lett. **104** (2010) 091302, [[arXiv:1001.4836](#)].

Fermi-LAT Collaboration, *Observations of Milky Way Dwarf Spheroidal galaxies with the Fermi-LAT detector and constraints on Dark Matter models*, ApJ **712** (2010) 147–158, [[arXiv:1001.4531](#)].

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Fermi-LAT Collaboration, *Fermi observations of TeV-selected active galactic nuclei*, ApJ **707** (2009) 1310–1333, [[arXiv:0910.4881](#)].

Fermi-LAT Collaboration, *Detection of Gamma-Ray Emission from the Starburst Galaxies M82 and NGC 253 with the Large Area Telescope on Fermi*, ApJ **709** (2010) L152–L157, [[arXiv:0911.5327](#)].

X-ray Observational Cosmology

Mantz, A. and Allen, S.W. and Ebeling, H. and Rapetti, D. and **Drlica-Wagner, A.**, *The Observed Growth of Massive Galaxy Clusters II: X-ray Scaling Relations*, MNRAS **406** (2010) 1773–1795, [[arXiv:0909.3099](#)].

Antibiotic Resistance

Shopsin,B and **Drlica-Wagner, A.** and Mathema, B. and Adhikari, R.P. and Kreiswirth, B.N. and Novick, R.P., *Prevalence of agr dysfunction among colonizing staphylococcus aureus strains.*, J. Infect. Dis. **198** (8) (2008) 1171–1174.

Zhao, X. and Malik, M. and Chan, N. and **Drlica-Wagner, A.** and Wang, J.-Y. and Li, X. and Drlica, K., *Lethal action of quinolones with a temperature-sensitive dnab replication mutant of escherichia coli.*, Antimicrob. Agents Chemother. **50** (2006) 362–364.

Lu, T. and Zhao, X. and Li, X. and **Drlica-Wagner, A.** and Domagala, J. and Drlica, K., *Enhancement of fluoroquinolone activity by c-8 halogen and methoxy moieties: action against a gyrase resistance mutant of mycobacterium smegmatis and a double mutant of staphylococcus aureus.*, Antimicrob. Agents Chemother. **45** (2001) 2703–2709.

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